## Air Freight & Surface Transportation



# Surface Transportation Board's Staggers Rail Act Hearing

October 19, 2005

James J. Valentine, CFA
Parcel, Railroads and Non-asset
Transportation
(312) 706.4600 james.valentine@morganstanley.com

Chad Bruso, CFA

Trucking
(312) 706.4603 chad.bruso@morganstanley.com

#### Mike Manelli, CFA

Railroads (312) 706.4604 mike.manelli@morganstanley.com

#### **Kevin Carr**

Parcel and Non-asset Transportation (312) 706.4602 kevin.carr@morganstanley.com



## Railroad Industry Financial Forecast

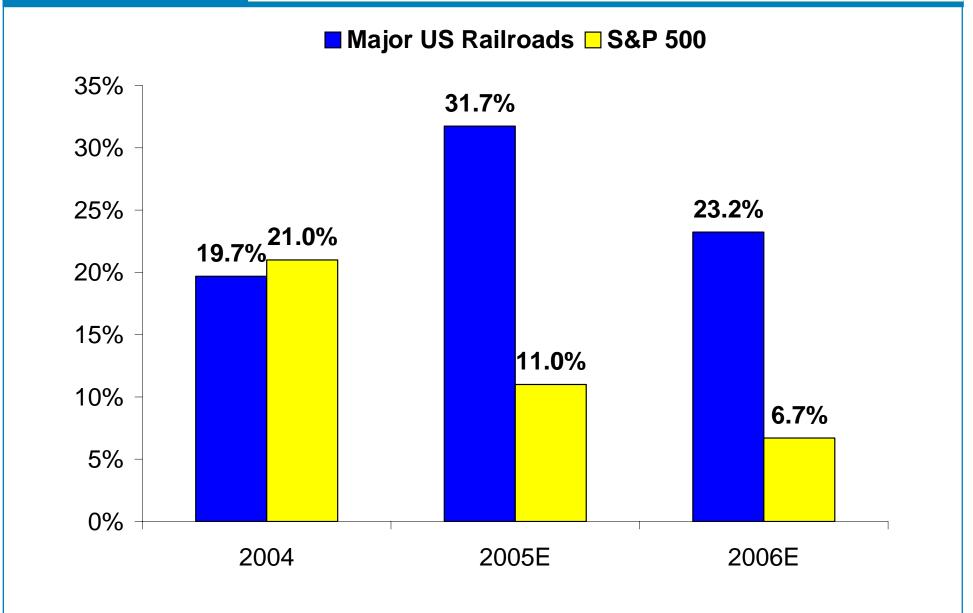
						2004-2008
_	2004	2005E	2006E	2007E	2008E	CAGR
Carloads (thousands)	33,988	34,981	36,373	37,713	39,027	3.5%
Year to Year Change	6.1%	2.9%	4.0%	3.7%	3.5%	
Revenue Per Carload	\$1,125	\$1,234	\$1,305	\$1,337	\$1,364	4.9%
Year to Year Change	3.5%	9.6%	5.7%	2.4%	2.1%	
Railroad Operating Revenue	\$38,627	\$43,602	\$47,952	\$50,940	\$53,821	8.6%
Year to Year Change	9.7%	12.9%	10.0%	6.2%	5.7%	
Railroad Operating Expenses	\$31,613	\$34,701	\$37,710	\$39,688	\$41,416	7.0%
Year to Year Change	9.5%	9.8%	8.7%	5.2%	4.4%	
Railroad Operating Income	\$7,014	\$8,901	\$10,242	\$11,252	\$12,406	15.3%
Year to Year Change	10.2%	26.9%	15.1%	9.9%	10.2%	
Railroad Operating Ratio	81.8%	79.6%	78.6%	77.9%	77.0%	
Year to Year Point Change	-0.1	-2.3	-0.9	-0.7	-1.0	
Free Cash Flow	\$1,485	\$2,659	\$3,340	\$3,965	\$4,732	33.6%
Year to Year Change	-5.1%	79.0%	25.6%	18.7%	19.3%	

Morgan Stanley combined estimates for BNI, CSX, NSC and UNP (free cash flow includes all results, including those that are not railroad related)

CAGR = compound annual growth rate



### Year-over-Year EPS Growth

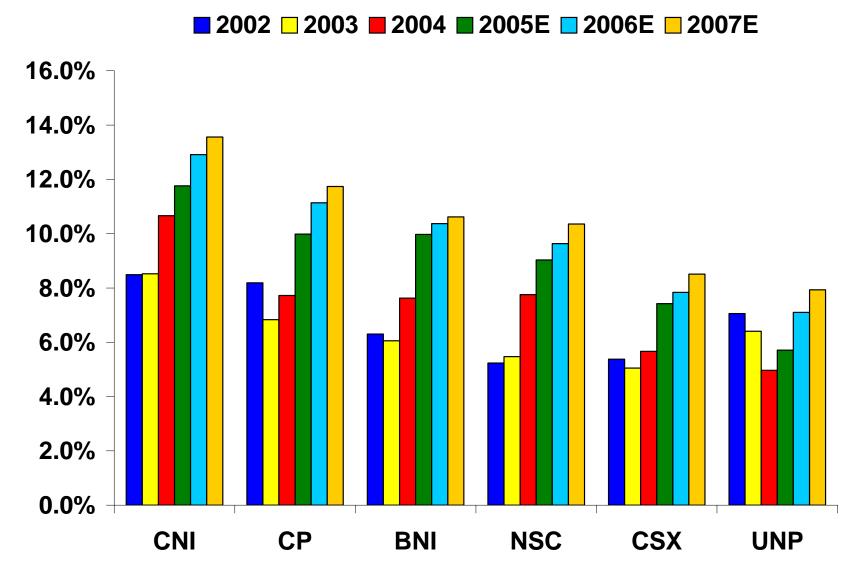


**Equity Research** North America

Railroads

MorganStanley

#### Railroad RNOA (Return on Net Operating Assets)

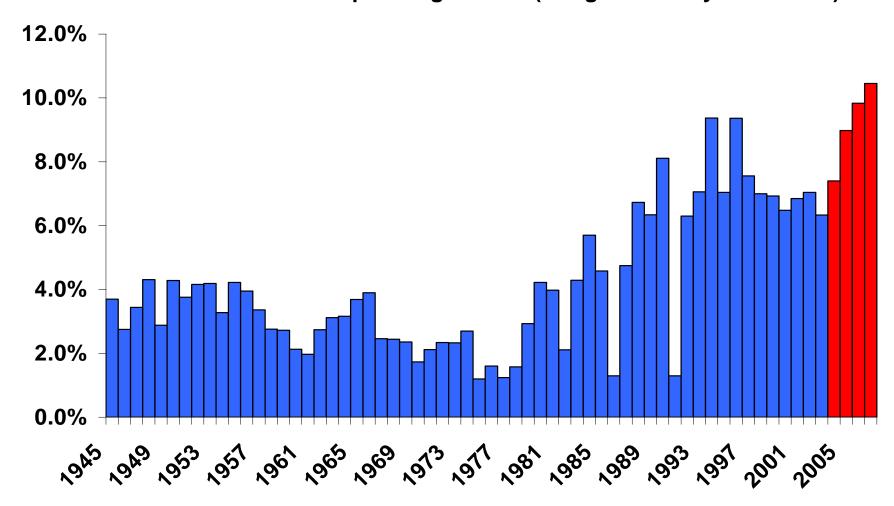


RNOA is a similar concept as ROIC but we have excluded the impact of pensions and converted off-balance sheet assets as though they were owned.

Source: Company Reports and Morgan Stanley Research

#### Class 1 Railroad Return on Invested Capital 1945A-2007E

- Class 1 Railroads Return on Investment (AAR)
- Return on Net Operating Assets (Morgan Stanley Estimates)



Source: Historical data is from the Association of American Railroads (AAR) whereas forecasts are from Morgan Stanley Research



## Valuation for Railroads and Comparable Basket

		Price to Earnings	
Company Name	Ticker	2006E	2007E
Burlington Northern SF	BNI	12.3	11.2
Canadian National	CNI	13.0	11.6
Canadian Pacific Railway	CP	11.7	10.6
CSX Corporation	CSX	11.6	10.0
Norfolk Southern	NSC	12.5	11.0
Union Pacific	UNP	13.3	11.0
Average		12.4	10.9

		<u>Price to Earnings</u>		
Company Name	Ticker	2006E	2007E	
Air Products	APD	15.0	13.7	
Alcoa Inc.	AA	13.1	13.5	
Avery Dennison Corp.	AVY	16.0	14.3	
BellSouth Corp.	BLS	13.7	12.0	
BorgWarner Inc.	BWA	11.4	10.6	
Brinker International	EAT	17.0	15.0	
Constellation Energy	CEG	13.7	11.4	
Donnelley, R. R.	RRD	14.0	13.0	
Entergy Corp.	ETR	13.6	11.6	
Gannett	GCI	11.8	11.1	
Lockheed Martin Corp.	LMT	14.1	13.1	
Masco Corporation	MAS	11.1	8.9	
Average		13.7	12.3	
Median		13.7	12.5	

Source: Company Reports and Morgan Stanley Research

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ModelWare is a proprietary framework for financial analysis created by Morgan Stanley Research. This new framework rests on the principles of comparability, transparency, and flexibility, and aims to provide investors with better tools to view the anticipated performance of an enterprise. The result of an 18-month global effort, ModelWare harmonizes the underlying data and calculations in Morgan Stanley models with a broad set of consistently defined financial metrics. Our analysts have populated the database with over 2.5 million data points, based on an extensive taxonomy of more than 3,500 unique metrics and more than 400 Morgan Stanley calculations. The ModelWare framework will also have the flexibility to allow analysts and investors to quickly customize their own analytical approach.

What makes the ModelWare architecture distinctive lies in the separation of data from calculations. Its transparency will permit users to see every component of every calculation, to choose elements or recombine them as they wish without laborious adjustments or recalculations. When choices must be made in defining standard or industry-specific measures, ModelWare defaults to economic logic, rather than favoring one accounting rule over another. This discipline facilitates comparability across sectors and regions. Underlying the ModelWare data is a new set of systems that check the internal consistency of forecast data in each of our analyst's models.

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- •Overweight (O or Over). The stock's total return is expected to exceed the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months,
- Equal-weight (E or Equal). The stock's total return is expected to be in line with the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.
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